

FIGURE 1 RELAY Based Inrush Control

Prion ART

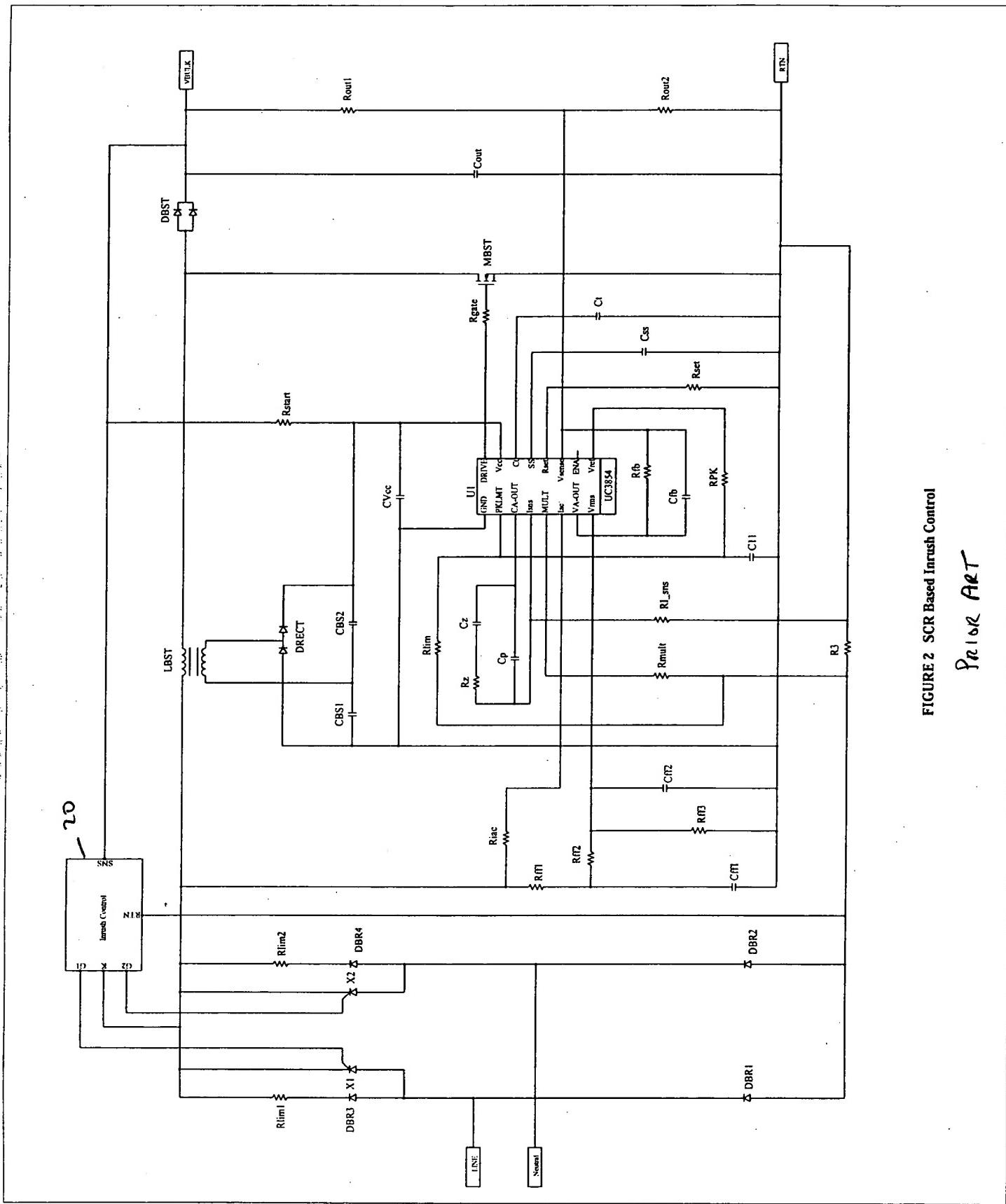


FIGURE 2 SCR Based Intrush Control

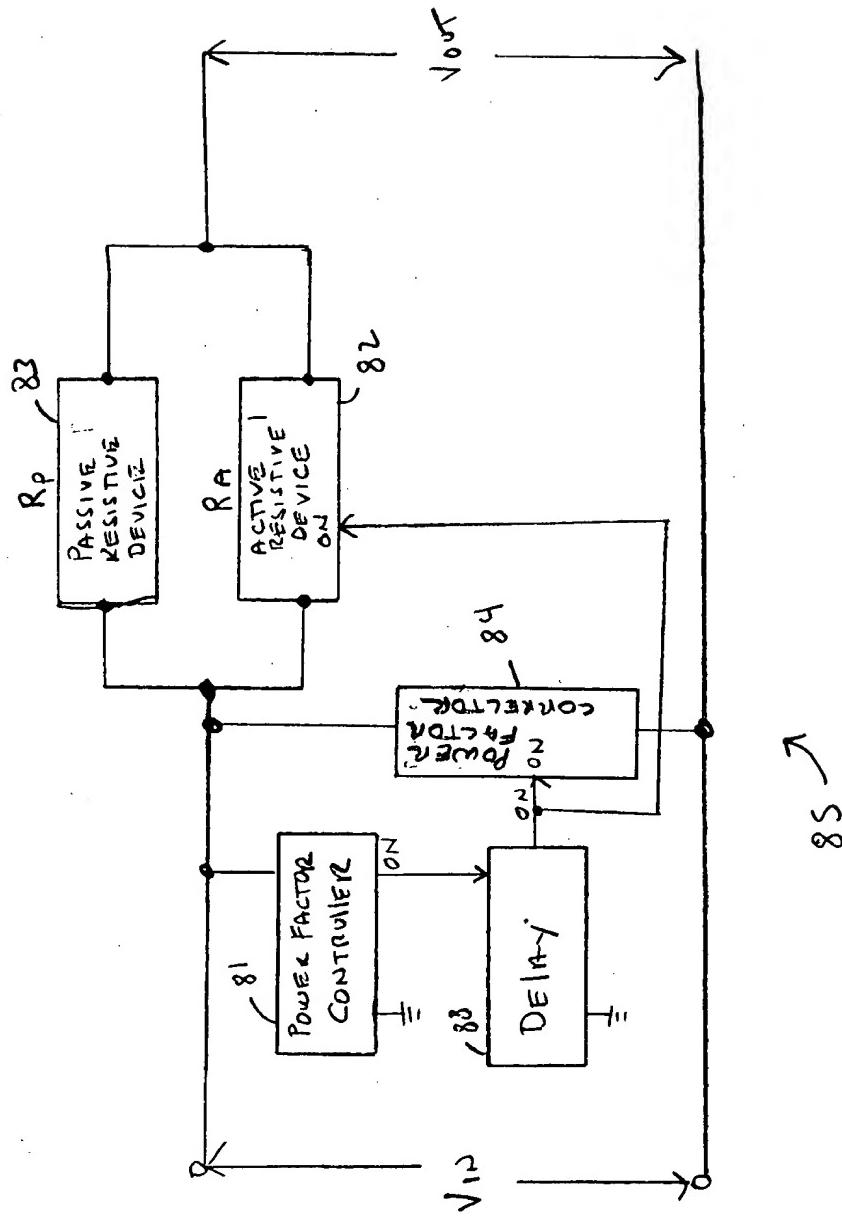


Fig. 3

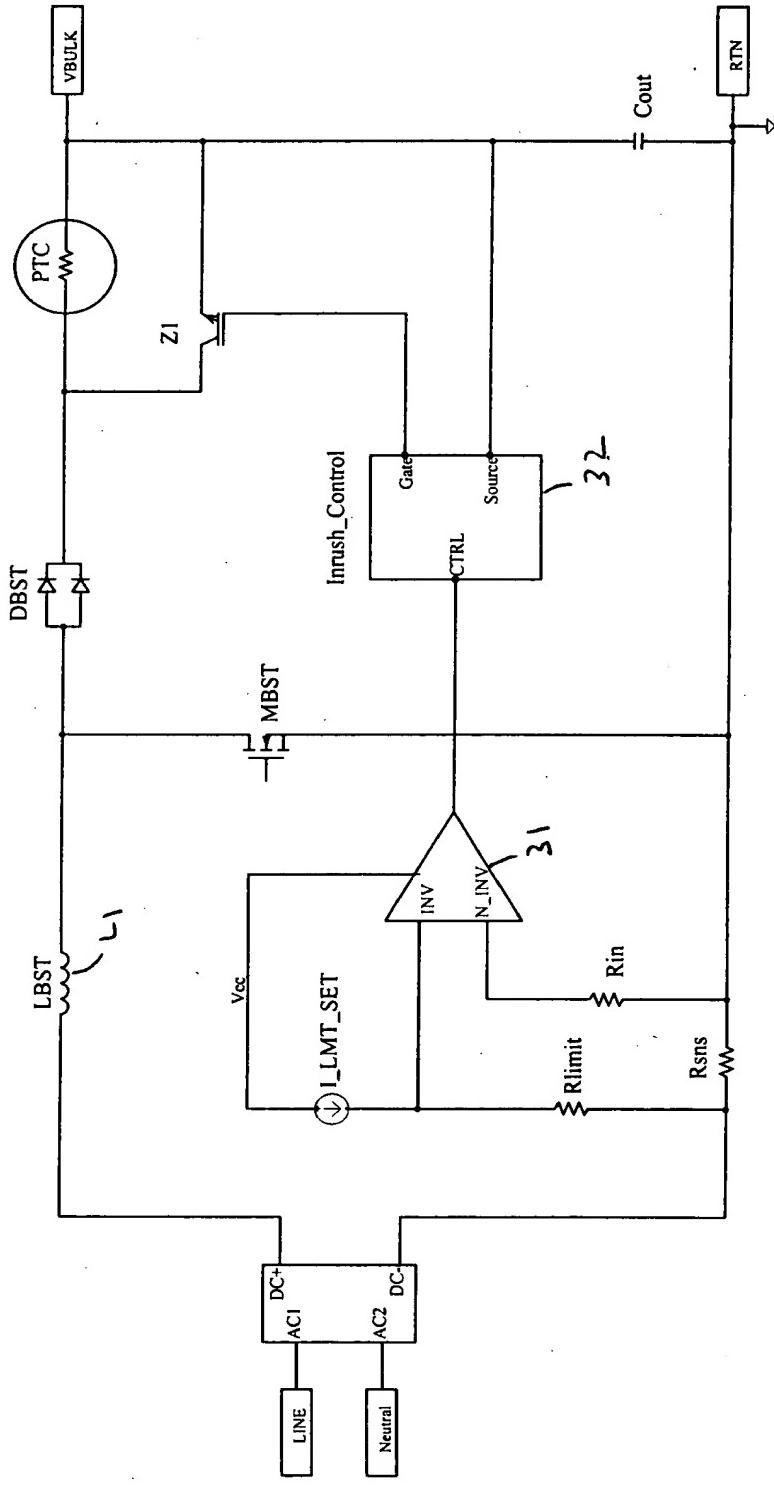


FIGURE 4A IGBT Based Intrashunt Control

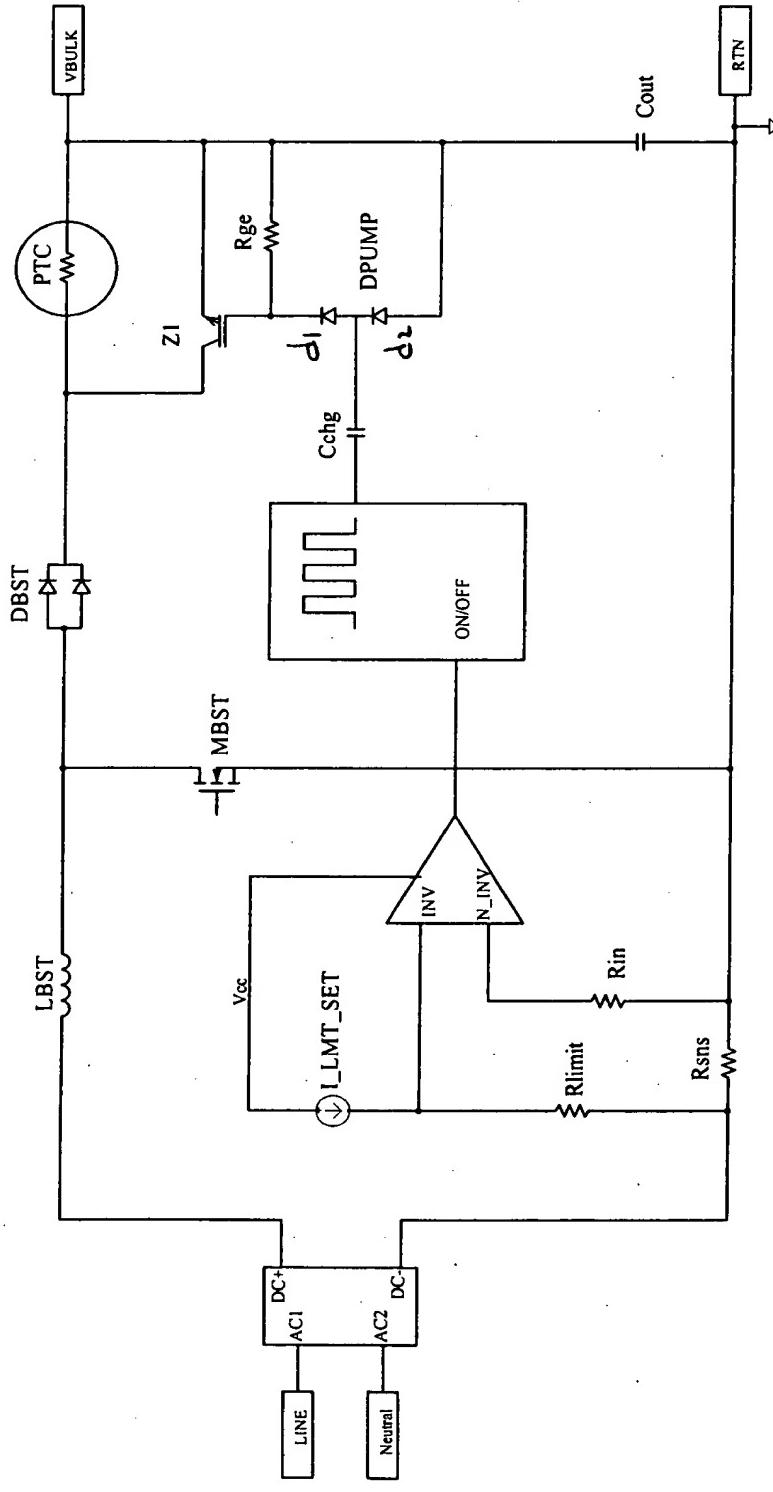


FIGURE 4.15 IGBT Based Inrush Control

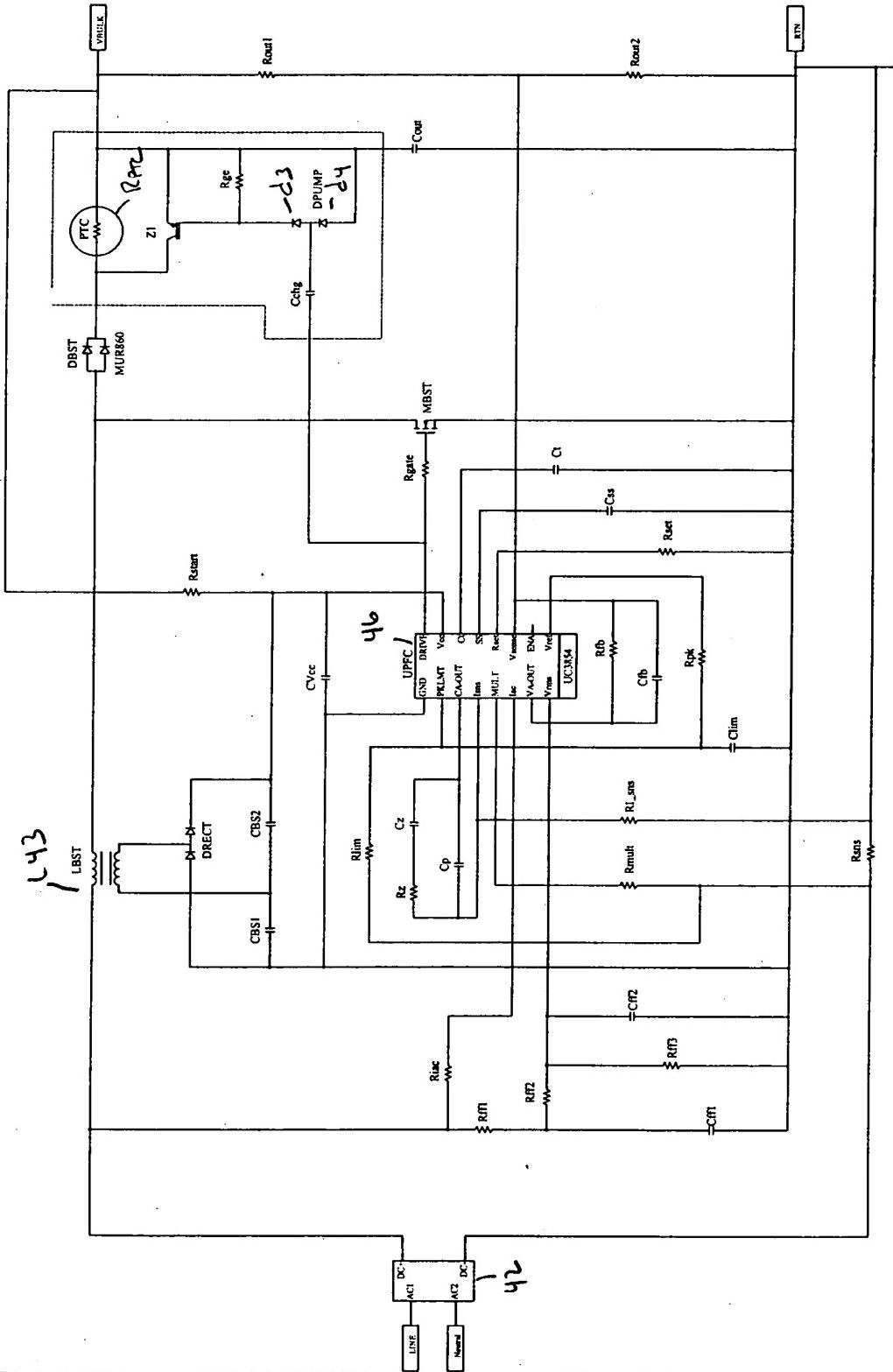


FIGURE 5 IGBT Based Inrush Control

Figure 6A-AC Input Line to Neutral Bridge

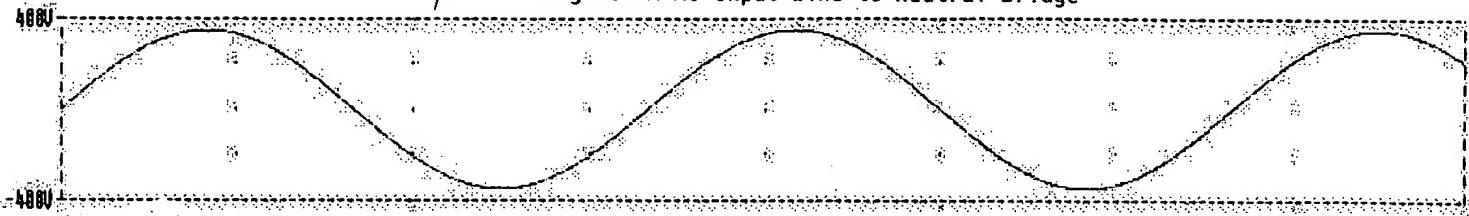


Figure 6B-Voltage Gate to Emitter of IGBT Z1

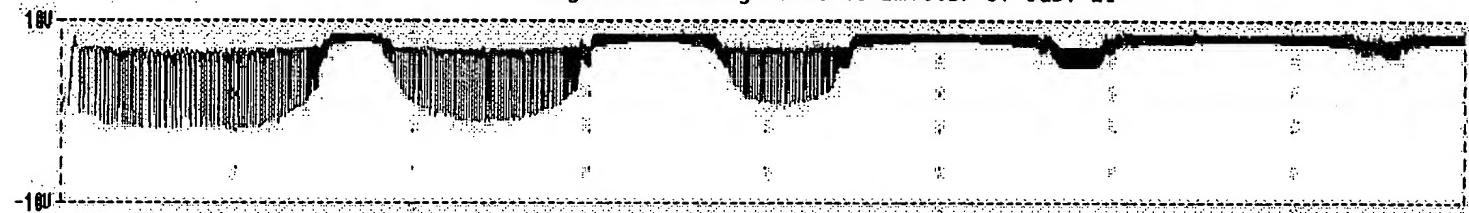


Figure 6C-Voltage Gate to Source of FET MBST



Figure 6D-Current through IGBT Z1 Collector

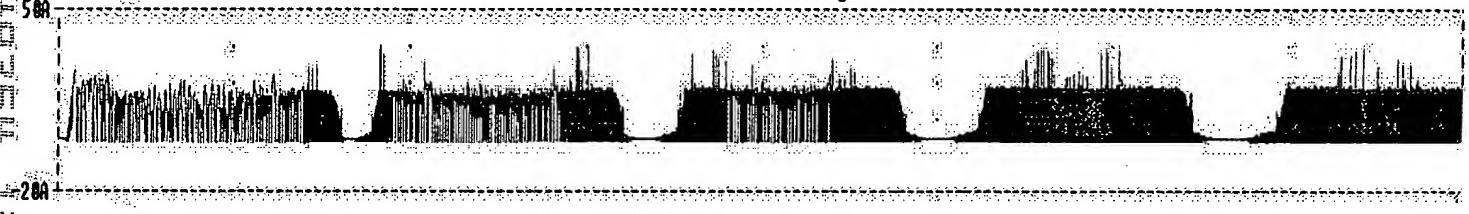


Figure 6E-Current through PTC Rptc

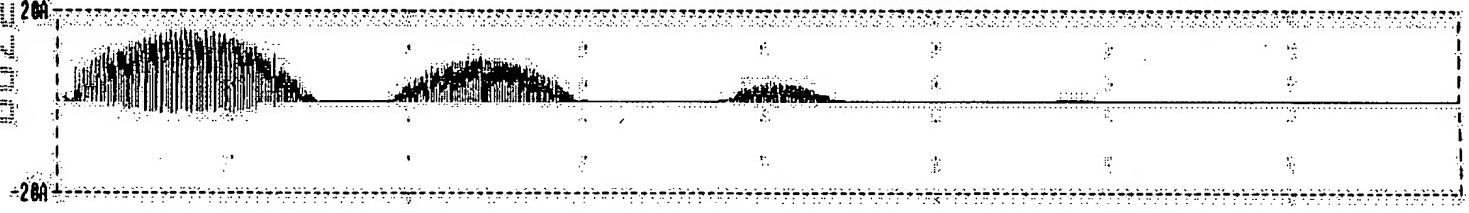


Figure 6F-Current into Line Input of Bridge

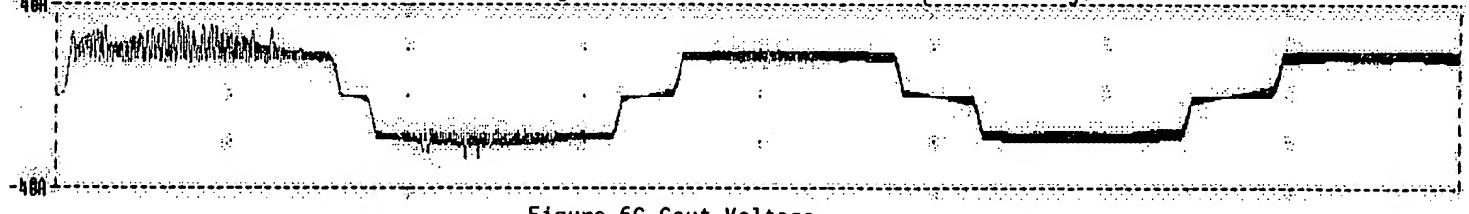


Figure 6G-Cout Voltage

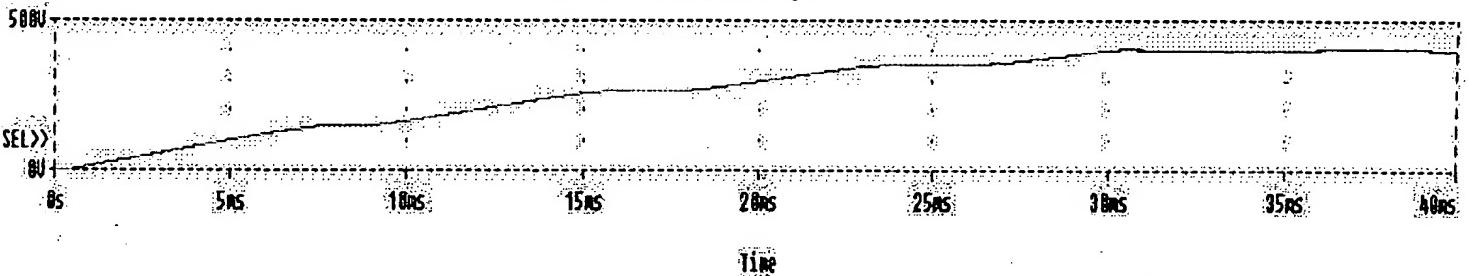


Figure 7

